

承 认 书

APPROVAL SHEET

编 号 No.	ST6055-075-2G-A/2-T
日期 Date	2024.07.25

客 户 Customer	
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品 名 Product	Gas Discharge Tube
系 列 Series	ST6055

料号 Part No.	规格描述 Specification	备注 Remark
贝特电子 Betterfuse		
客 户 Customer		

环保特别提示 Special instructions for environmental protection
本产品:

供应商-贝特电子 Supplier-Betterfuse	零件承认章 Approval Signet	客 户 Customer	零件承认章 Approval Signet
制 作 Make	Hongkun Huang		
审 核 Check	Zujiang Wang		
确 认 Approval	Weirong Xiang		

联络 Contact			
业务 Sales	电话 Telephone	手机 Cellphone	邮箱 E-mail
零件承认后敬请回签一份给我司留存，或将承认后的封面传真（0769-8352 1857）至我司，谢谢！			



Document Record

NO.	Date	Modified Content	Page	Edition	Prepared/modified by	Checked by
1	2022.07.02	Draft		A/0	Hongkun Huang	Fei Gao
2	2024.03.21	Update dimension drawing	4	A/1	Hongkun Huang	Zujiang Wang
3	2024.07.25	Add a description of the operating temperature	3	A/2	Hongkun Huang	Wenhua Yan
4						
5						

TABLE OF CONTENTS

1. SCOPE AND DESCRIPTION.....	3
2. GENERAL INFORMATION.....	3
3. PART NUMBERING SYSTEM.....	3
4. PRODUCT SIZE DRAWING.....	4
5. ELECTRICAL SPECIFICATIONS.....	4
6. PACKING INFORMATION.....	5



1. SCOPE AND DESCRIPTION



- Small Size Design $\Phi 5.5 \times 6\text{mm}$
- Current Handling Capability: 5000A@8/20us
- Low Capacitance and insertion loss
- Fast Response and long service life
- Pb-free(RoHS compliant) package
- Moisture sensitivity level:Level 1
- Storage and operational temperature: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$

2. APPLICATION

- CATV modem, Telecom protection Splitters
- Hub Hpirgohtefcrteiqoune,nSceycusriigtynyalsysrtaenmssmitters/receivers.Telecom CPE
- XDSL Splitter and Audio systems XDSL

3. PART NUMBERING SYSTEM

3.1 Part Number

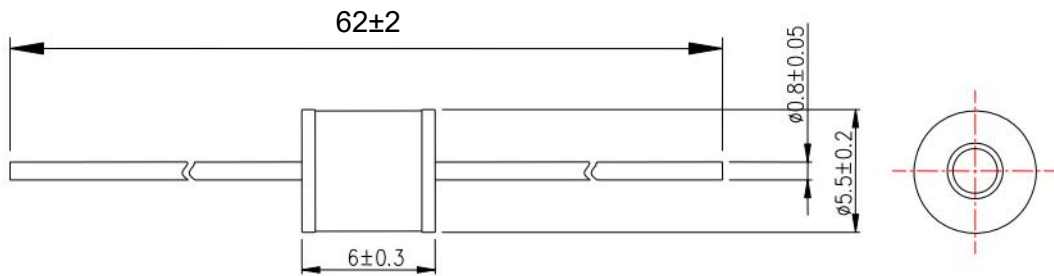
Example:ST60550752G0

ST6055	075	2G0
↓	↓	↓
1	2	3
1 .Product Series.....		ST6055
2 .DC Spark-Over voltage		075
3 .Supplementary Code.....		2G0

4. PRODUCT SIZE DRAWING

Package outline

Unit: mm



5. ELECTRICAL SPECIFICATIONS

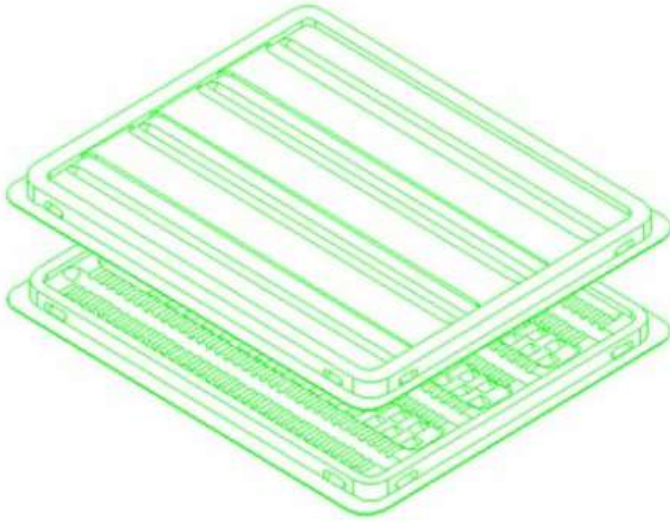
Electrical Characteristics

Catalog Number	DC Spark-Over voltage 100V/S	Impulse Spark-Over voltage 1kV/us max	Nom impulse discharge current 8/20±5T (60S)	Insulation Resistance	Capacitance 1MHZ <6V
ST6055-075-2G	75 ± 30% V	700V	5000A	50V > 1000M Ω	<1pF
ST6055-091-2G	90 ± 30% V	650V	5000A	50V > 1000M Ω	<1pF
ST6055-151-2G	150 ± 20% V	600V	5000A	50V > 1000M Ω	<1pF
ST6055-201-2G	200 ± 20% V	600V	5000A	100V > 1000M Ω	<1pF
ST6055-231-2G	230 ± 20% V	700V	5000A	100V > 1000M Ω	<1pF
ST6055-301-2G	300 ± 20% V	800V	5000A	100V > 1000M Ω	<1pF
ST6055-351-2G	350 ± 20% V	900V	5000A	100V > 1000M Ω	<1pF
ST6055-421-2G	420 ± 20% V	1100V	5000A	100V > 1000M Ω	<1pF
ST6055-471-2G	470 ± 20% V	1200V	5000A	100V > 1000M Ω	<1pF
ST6055-601-2G	600 ± 20% V	1400V	5000A	100V > 1000M Ω	<1pF
ST6055-801-2G	800 ± 20% V	1600V	5000A	100V > 1000M Ω	<1pF
ST6055-102-2G	1000 ± 20% V	1800V	5000A	100V > 1000M Ω	<1pF



6.PACKING INFORMATION

Standard Packing



100 PCS /PVC 500 PCS/box 5000 PCS/carton